

Project Engineer/KAHC Meeting

Harlan Co. US 421
Bob's Creek Bridge

DILBERT

I'M PUTTING YOU
IN CHARGE OF
BUILDING OUR NEW
TECHNOLOGY LAB.



PICK THE CONTRACTOR
WITH THE LOWEST BID.
I DON'T FORESEE ANY
PROBLEMS WITH THAT
STRATEGY.



SO, YOUR BID SAYS
YOU'LL DO THE JOB
FOR "...A CHANCE
TO GNAW ON WOOD."



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CATHY

Bids are getting a *little* competitive!

List of Topics

DBE Subcontract

Statistics & Payments

Project Inspection

Corrective Work

Formal Acceptance

Demob

Final Quantities and Payments

Stockpile

Change Orders

Erosion Control

DBE Detailed Request form

- General Plan submitted before award can be made
- Detailed Plan submitted to Division of Contract Procurement after award of project on form TC63-35dbe. Approval by Division of Contract Procurement before Work Order Issued.
- Approval letter and copy of request for DBE Subcontracts sent District Office from Central Office Construction.**
- Subcontracts after award of project submitted to Project Engineer. DBE subcontractors after award still use TC63-35dbe form.
- Subcontracts after award begin with number after last DBE subcontract number. List DBE subcontractor on form.**
- http://www.kytc.state.ky.us/construction/dbe/tc63-35_dbe.xls**

DBE Detailed Request front page

**KENTUCKY TRANSPORTATION CABINET
DEPARTMENT OF HIGHWAYS
DIVISION OF CONSTRUCTION
DBE Detailed Plan/SUBCONTRACT REQUEST**

TC 63-35DBE

Rev. 04/23/02

PROJECT CODE NO : **02~9999**
 DBE Firm/Subcontract # : **[REDACTED]**
 TO : **Rick Stansel**
 Executive Director Division of Contract Procurement
 FROM : **Bob Lewis Construction, LLC**
 Prime Contractor
 SUBJECT : **Lewis** **IGOTLOWBID (123)**
 County Project Number

Page 1 of 2

I hereby request to utilize for DBE participation a portion of the subject project to:

Do-it-wrong, LLC of **FRANKFORT, KY**

DBE Employer Identification Numbers: Federal **63-123456** KY **12345** Total speciality It
 The amount to be subcontracted by this request is DBE **\$16,903.75** or **5.24%** Contract **\$16,525.00** or **5.12%** of the
 (original contract) or a subcontract amount of **\$ 322,604.90** **\$ 322,604.90** -spec item

Speciality Items Subcontracted

I have previously requested approval for subcontracts or agreements with other DBE as follows:

Name of DBE firm	DBE Amount	DBE %	Contract Amount	Contract %
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

http://www.kytc.state.ky.us/construction/dbe/tc63-35_dbe.xls

DBE Detailed Request Detail page

This page is if DBE firm is performing Contract Item work as Subcontractor.

**KENTUCKY TRANSPORTATION CABINET
DEPARTMENT OF HIGHWAYS
DIVISION OF CONSTRUCTION
DBE Detailed Plan/SUB CONTRACT REQUEST**

TC 63-35
DBE

Page 2

Project Code Number (PCN): **29999**

DBE Firm	Do-it-wrong, LLC
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(*) When description is limited by such as "Laying Only" "Erection Only" "Manipulation Only" etc. it should be so indicated and explained.

(**) When the quantity is not the entire amount of (Contract) or (Sub-Contract) estimate, limitations by stations must be shown or definitely designated in some suitable, positive manner.

Unit prices using Contract Unit Price should be for Bid Unit Price for work to be performed by Sub Contractor. DBE Unit price should be for the agreed upon price for item or portion of item of contract work.

The Items to be subcontracted are as follows:

Estimate Sub Section Seq. #	Proposal Item No.	Description	Unit	Contract Quantity	Contract Unit Price	Dollar Amount based on Contract	DBE Quantity	DBE Unit Price	Dollar Amount based on DBE Price
A001	1	CONCRETE-CLASS A	CU YD	13.40	\$ 780.00	\$10,452.00	13.40	\$ 800.00	\$10,720.00
A002	2	CONCRETE-CLASS B	CU YD	0.40	\$ 1,000.00	\$400.00	0.40	\$ 1,000.00	\$400.00
A003	3	STEEL REINFORCEMENT	LB	883.00	\$ 1.05	\$927.15	883.00	\$ 1.25	\$1,103.75
A014	14	CONCRETE REMOVAL	CU YD	7.80	\$ 400.00	\$3,120.00	7.80	\$ 600.00	\$4,680.00
								\$ -	
								\$ -	
								\$ -	
								\$ -	
								\$ -	
							-	\$ -	
							-	\$ -	

Note if Partial Quantity or Partial Work item.

1/22/2003



Copy of Payment to DBE subcontractors

**Copy of payment with breakdown
to be submitted within 7 days of
payment to Division of
Construction**

Room 408 501 High Street

Frankfort, KY 40622

1/22/2003

9/25/2001 18:08

PROJECT CODE NO: 029999
SUBCONTRACT NO: 3
ENCUMBRANCE NO: H299991

Regular Subcontract

TO:
Project Engineer

FROM: Bob Lewis Construction, LLC
☐ Sub Contractor ☒ Prime Contractor X

SUBJECT: Lewis IGOTLOWBID (123)
County Project Number

I hereby request to subcontract a portion of the subject project to:

of

Subcontractor Employer Identification Numbers: Federal KY
The amount to be subcontracted by this request is \$ or 0.00% % of the
(original contract, minus Speciality Items, as totaled below), or a subcontract amount of \$ 322,604.90
Speciality Items (if applicable) from the Contract Total: 0.00

I have previously subcontracted as follows:

NAME OF SUBCONTRACTOR	AMOUNT	PERCENT
Do-it-wrong, LLC	16,525.00	5.12 %

Show me the \$\$



Paid via Contractor Pay Estimate System
(CPES) in Calendar Year 2002

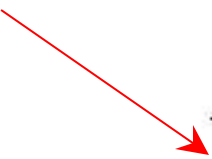
\$739,061,000

(includes Tunnel Management)

Division of Construction Statistics

To Date

	2002	2001	2000
Number of Subcontract approved	1121	1110	1041
Number of Change Orders Proce	1068	1145	1246
Finals Paid	820	734	739



	2002	2001	2000
	12/31/02		
Paid via CPES (Tunnel & In PK	\$739,061,843	\$ 808,027,347	\$722,538,246
KYTC inspected projects	\$718,097,839	\$ 784,652,463	\$706,192,687
Engineering Cost to Date	\$ 46,802,112	\$ 46,104,600	Not available
Percent of Money Paid to date	6.52%	5.88%	6.21%

Payments

KYCEMPII files & Software available on Web

<http://www.kytc.state.ky.us/construction/projects/>

Projects with in Multiple Counties or Multiple Funds sometime get delayed. Basically each County or Fund is separate pot of money in Accounting System and monies can not be transferred except by Change Order. Care needs to be taken to check that Fund does not overspend.

Payment Cutoffs

KYTC Payments updated 01/13/03 Division of Construction					
Friday before Cutoff Dates**					<i>Estimated</i> Date
Upload to CO Consti Noon <i>Check Written</i>					Actual Check
January 3, 2003	Friday	January 7, 2003	Tuesday	01/09/03	
January 17, 2003	Friday	January 21, 2003	Tuesday	01/23/03	
January 31, 2003	Friday	February 4, 2003	Tuesday	02/06/03	
February 14, 2003	Friday	February 18, 2003	Tuesday	02/20/03	
February 28, 2003	Friday	March 4, 2003	Tuesday	03/06/03	
March 14, 2003	Friday	March 18, 2003	Tuesday	03/20/03	
March 28, 2003	Friday	April 1, 2003	Tuesday	04/03/03	
April 11, 2003	Friday	April 15, 2003	Tuesday	04/17/03	
April 25, 2003	Friday	April 29, 2003	Tuesday	05/01/03	
May 9, 2003	Friday	May 13, 2003	Tuesday	05/15/03	
May 23, 2003	Friday	May 27, 2003	Tuesday	05/29/03	
June 6, 2003	Friday	June 10, 2003	Tuesday	06/12/03	
June 20, 2003	Friday	June 24, 2003	Tuesday	06/26/03	
June 30, 2003	Monday	July 3, 2003	Thursday	07/08/02	

**Note: Cutoff dates may vary one or two days depending on district office work load

Project Completion

Final Inspections

Corrective Work

Formal Acceptance

Underrun Monies

Levi Jackson SP >

Project Completion

- Project Engineer is to notify District Office Construction & Central Office before project is anticipated to be completed so inspections can be made before project completed.
- Only 90 days are allowed after completion of projects for inspections of non-erosion control inspections (180 days for erosion control inspections). This includes Traffic, Signs, FHWA, Structures, etc.
- After all inspections are made send Comprehensive Final Inspection Report to contractor thereby notifying of date corrective or additional work required to be completed

Corrective Work Pending

Tuesday, January 21, 2003 9:21:41 AM

<i>DISTRICT</i>	<i>Number</i>	<i>Balance to Date</i>	<i>Unspend Funds</i>	<i>Demob +</i>
1	7	\$583,191.26	\$391,082.73	\$192,108.53
2	26	\$3,829,902.68	\$2,581,895.97	\$1,248,006.71
3	6	\$603,087.04	\$500,337.10	\$102,749.94
4	12	\$857,341.26	\$663,923.42	\$193,417.84
5	19	\$1,445,700.67	\$878,213.85	\$567,486.82
6	18	\$3,765,667.35	\$2,476,628.20	\$1,289,039.15
7	38	\$3,656,091.59	\$2,092,298.05	\$1,563,793.54
8	14	\$2,457,695.67	\$1,305,678.97	\$1,152,016.70
9	17	\$3,998,552.53	\$2,629,627.91	\$1,368,924.62
10	6	\$163,485.95	\$51,011.37	\$112,474.58
11	4	\$979,032.50	\$379,235.28	\$599,797.22
12	15	\$1,025,698.92	\$486,337.99	\$539,360.93
Grand Total	182	\$23,365,447.42	\$14,436,270.83	\$8,929,176.59

\$ 8.9 Million in Demobilization! \$\$\$\$

Project Completion (continued)

- Upon completion of project, Project Engineer's staff should promptly summarize final pay quantities and prepare for submittal to District Office Construction Section. Copy of Project Engineer's Final quantities should be sent to contractor for preliminary review. Upon formal acceptance, forward final project data to District Office for final payment processing.

Project Completion (Continued)

- Upon successful completion of any required Corrective/Additional work, Project Engineer submit request for Formal Acceptance. Demobilization can be made on project ONLY after Formal Acceptance had been made on project.
- Section 109.06 KYTC has 180 days to prepare final Estimate.

Demob Payment upon Formal

- Payment of Demob at 25% upon Formal Acceptance, 50% upon submittal to District Office and 25% upon Final Payment. See Section 110.04.
- Contractor has 60 days after Final Release sent from Central Office Final Estimate Section to review Final Estimate. Section 109.09 allows payment after 60 days if no disagreement received from Contractor.

Finals not in Co but Formaled

Tuesday,

<i>DISTRICT</i>	<i>Number</i>	<i>Money not Paid out ,</i>
<i>1</i>	<i>(34 Projects)</i>	<i>\$1,273,904.03</i>
<i>2</i>	<i>(33 Projects)</i>	<i>\$3,344,311.13</i>
<i>3</i>	<i>(4 Projects)</i>	<i>\$224,872.46</i>
<i>4</i>	<i>(2 Projects)</i>	<i>\$252,370.44</i>
<i>5</i>	<i>(15 Projects)</i>	<i>\$947,519.00</i>
<i>6</i>	<i>(45 Projects)</i>	<i>\$2,518,137.17</i>
<i>7</i>	<i>(25 Projects)</i>	<i>\$1,956,364.21</i>
<i>8</i>	<i>(4 Projects)</i>	<i>\$137,083.20</i>
<i>9</i>	<i>(43 Projects)</i>	<i>\$843,350.97</i>
<i>10</i>	<i>(14 Projects)</i>	<i>\$232,826.45</i>
<i>11</i>	<i>(8 Projects)</i>	<i>\$83,925.97</i>
<i>12</i>	<i>(12 Projects)</i>	<i>\$574,901.81</i>
<i>Grand Total</i>	239	\$12,389,566.84

\$12 Million underrun Monies from Projects with Formal

1/22/2003

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Stockpile

- Need written request from contractor.
- Lease agreement if not on project for KYTC access
- Not to exceed 75% of bid price, nor 95% of invoiced cost. More than \$10,000.
- Need paid invoice within 30 days of placement on estimate.
- Decrement stockpile as material used in pay items. Ideally, know which SSSC to tie stockpile item.

Current Project Plan Delivery

District

4 Award Plans (full size)

1 Record Plan (full size)

1 Mylar

4 ~ 1/2 size

Contractor

4 Award Plans (full size)

4 ~ 1/2 size

To save money ~ Can this be decreased?

Would CD with TIF files be useful for Awarded Contractor and/or District?

Change Orders

- Submit in timely efficient manner
- Contractors need to submit reasonable prices. Cost Plus by Blue Book Rates.
- Provide explanation of changes or additional quantities to best of ability and knowledge.
- Approval BEFORE starting work.

Erosion Control

- Channel Changes ~ get Ramsey or Bowling to help! No changes unless reviewed by DoW and Environmental Analysis.
- Progressive Seeding
- Clean and Maintenance of Erosion Control Devices. Report if over 1/2" rain

Material Testing

- Do IT!
- Get paper work
- Know frequencies
- Turn it in.



1/22/2003